

Topic Area 2: Energy Production and Supply

Title	Description	Goal	Measurable Impact/Outcome	Existing or New (short or long term)	Responsible Office	Lead Contact	Partners/Stakeholders	Comments
Short Term	Challenge Fortune 500 companies to double their current Green Power purchases							
Oil and Gas Industry Interaction	Encourage use of technology to capture and or use methane gas presently vented or flared.	Minimize volume of Volatile Organic Carbon compounds vented and utilize these compounds.	Measure VOC pollution reduced.	Existing/ short term	ECEJ	Hestmark	Region 8 states, New Mexico and Region 6	
Power Plant Interaction	Encourage development and construction of renewable energy production facilities (wind turbines).	Replace Combustion megawatts with Wind generated megawatts.	Megawatts of renewable energy in place.	Existing/ short term	ECEJ	Hestmark	Region 8 states, Coal Fired Power Plant sector	
Short Term	Promulgate the Yucca Mountain rule							
Medium Term	Implement Administrator's Oil and Gas framework							
Medium Term	Promote consideration of renewable energy in strategies and plans states currently are developing							
City and State Climate Action Plan Support	Assist cities and states in the development and/or review of Climate Action Plans intended to achieve specific measurable reductions in greenhouse gases.	Goals will be city and state specific, but at least aimed at 7-10% reduction in GHG by 2012.	Measurable reduction in GHG will be a function of the mix of policy, voluntary and regulatory options of each entity.	Medium to long term	OPRA-SPSP	David Schaller	City of Denver, States of Utah, Colorado and Montana	
Long Term	Accelerate advanced coal technologies and carbon capture and sequestration initiatives							
Renewable Energy and Carbon Sequestration via the E3 Program	EPA's "Environmentally Responsible Redevelopment and Reuse Program (E3) working with mine-land owner, local government and developers to promote a resort development (Empire Canyon) that includes 3,000 acre conservation easement (CO2 sequestration), groundwater treatment, new wetlands and renewable energy purchases.	Greener development on abandoned mine lands.	Under development	Existing	EPR-SR	Kathy Hernandez		
Long Term	Demonstrate and develop highly efficient new conversion technologies							
Long Term	Promote biofuels and other clean energy production and use on contaminated properties							
Clean Energy on Contaminated Properties	Investigate the potential for micro-hydro plants to generate power for treating contaminated water at remote mining sites.	Demonstrate the utility of micro-hydro technology in the cleanup of abandoned mines.	Under development	Existing	8EPR	Tim Rehder		
Energy Efficiency via Superfund Revitalization	Partner with the National Renewable Energy Laboratory (NREL) to provide design assistance to increase energy efficiency and renewable energy at a residential development on abandoned mine lands near Breckenridge, Colorado (French Gulch)	Energy efficient residential development augmented by renewable energy on abandoned mine lands.	Under development	Existing	8EPR	Tim Rehder		
Other								
Some PT members	Report each year on energy efficiency accomplishments - including use of renewable fuels	Goals are individually set by facilities	KW from fossil fuel reductions CO2 reductions.	Existing	SPSP	Mary Byrne	R8 States PT members	
Energy Efficiency via the NEPA Process	Provide comments on Environmental Impact statements that encourage energy efficiency and conservation on projects associated with energy development, water development, and highway construction.	Improved conservation on Federal projects	Influence GHG reductions through adoption of industrial best practices/mitigation.	Existing	8EPR-N	Larry Svoboda	Varied	